DECLARATION AND PO	WER Attor	ney Docket No.	MIT-097 (5473/104					
OF ATTORNEY FOR UTI	LITY First	Named Inventor	COLTON	COA				
OR DESIGN		COMPLETE IF KNOWN						
PATENT APPLICATION	N Appli	cation Serial Number	Number 09/356,079					
☐ Declaration ☐ Declaration	Filing	g Date	July 16, 1999					
Submitted with Submitted after	Initial Group	p Art Unit	Not Yet Assigned					
Initial Filing Filing (surcharg	ge Exam	iner Name	Not Yet Assigned					
37 CFR 1.16(e)	required)							
As a below named inventor, I hereby de		d L -1	_					
My residence, post office address, and citizenship are as stated below next to my name.								
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:								
METHOD A	METHOD AND APPARATUS FOR DELIVERING OXYGEN TO CELLS							
	(Title	e of the Invention)						
the specification of which								
is attached hereto OR								
	y 16, 1999	as United States Appli	cation Serial Number	or PCT International				
Application Number 09/356,079	and was ame	ended on		(if applicable).				
I hereby state that I have reviewed and un		ts of the above identified	specification, includ	ing the claims, as amended				
by any amendment specifically referred to		rial to natantahility as d	ofinad in 27 CED 1 56					
I acknowledge the duty to disclose inform I hereby claim foreign priority benefits ur								
certificate, or 365(a) of any PCT internati	onal application wh	ich designated at least or	ne country other than	the United States of				
America, listed below and have also ident or of any PCT international application has								
Prior Foreign Application		Foreign Filing Date Priority Certified C						
Number(s)	Country	(MM/DD/YYYY)	Not Claimed	YES NO				
Additional foreign application r								
I hereby claim the benefit under 35 U.S.C Application Serial Number(s)		Date (MM/DD/YYYY)	plication(s) listed being	ow.				
60/093,147		07/17/98		nal provisional application				
				mbers are listed on a ental priority data sheet				
			attached					

Declaration and Power of Attorney for Utility or Design Patent Application

Attorney Docket No.: MIT-097 (5473/104)

"Method and Apparatus for Delivering Oxygen to Cells" by Colton et al.

Filing Date: July 16, 1999

Page 2 of 3

DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number

Place Customer

אר

Place Customer
Number Bar Code
Label Here

Registered practitioner(s) name/registration number listed below

	Registration		Registration
Name	Number	Name	Number
Steven M. Bauer	31,481	Kurt W. Lockwood	40,704
Isabelle A.S. Blundell	43,321	Marianne McLaughlin	42,870
Maureen A. Bresnahan	P-44,559	Thomas C. Meyers	36,989
Michael H. Brodowski	41,640	Joseph B. Milstein	42,897
Tara C. Cacciabaudo	40,935	Ronda P. Moore	44,244
Jennifer A. Camacho	43,526	Edmund R. Pitcher	27,829
Joseph A. Capraro, Jr.	36,471	Dianne M. Rees	P-45,281
John J. Cotter	38,116	Kurt Rauschenbach	40,137
Jennifer L. Dupre	41,722	Michael A. Rodriguez	41,274
John V. Forcier	42,545	Michael J. Schmelzer	43,093
Michael Giannetta	42,574	J. Scott Southworth	39,382
Duncan A. Greenhalgh	38,678	Christopher W. Stamos	35,370
William G. Guerin	41,047	Robert J. Tosti	35,393
Ira Heffan	41,059	Thomas A. Turano	35,722
Danielle L. Herritt	43,670	Michael J. Twomey	38,349
Elizabeth E. Kim	43,334	Christine C. Vito	39,061
Mi Kim	P-44,830	Patrick R.H. Waller	41,418
Douglas J. Kline	35,574		
John D. Lanza	40,060		
Timothy P. Linkkila	40,702		

Additional registered	i practitioners named	l on supplemental	Registered	Practitioner	Information sheet	attached hereto.

Direct all correspondence to:

Patent Administrator

Testa, Hurwitz & Thibeault, LLP

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Attorney Docket No.: MIT-097 (5473/104)

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:				□ A p	A petition has been filed for this unsigned inventor					
Given Na	ame (first and	middle [if any])		Family Name or Surname					
CLARK K.	<i>a ,</i>		0		COLTON					
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	City	Newton		State	MA	Zip	02167	Count	try	U.S.A.
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	City Newton State				MA	Zip	02167	Count	try	U.S.A.
Additional invento	ors are being n	amed on the	supp	lemental	Addition	al Inventor(s) sheet(s) at	tached h	nereto.	
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor										
Given N	Name (first and	d middle [if any	·])				Family Name	e or Sur	name	
LARRY L.					SWET	TE				<u></u>
Inventor's Signature					Date					
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	City	Newton		State	MA	Zip	02459	Count	try	U.S.A.
Post Office Address	6 Stearns S	Street								
	City	Newton		State	MA	Zip	02459	Coun	try	U.S.A.
Name of Additional J	Joint Invento	r, if any:		•	ПАр	etition has b	een filed for	this uns	signed	inventor
Given N	lame (first and	middle [if any])		Family Name or Surname					
Inventor's Signature							Date			
Street Address							Citizensl	ip		
	City			State		Zip		Coun	itry	
Post Office Address					•					
	City			State		Zip		Coun	itry	
Post Office Address	at Office Address							Coun	ntry	

DECLARATION AND POWER			ey Docket No.	MIT-(097 (5473/104))				
OF ATTORN	NEY FOR UTILIT	First N	amed Inventor	COLT	TON	@O	YOU.			
OR	DESIGN		COMPLETE IF KNOWN							
PATENT	APPLICATION	Applic	ation Serial Number	09/350	6,079					
☐ Declaration	□ Declaration	Filing	Date	July 1	6, 1999					
Submitted with	Submitted after Initi	al Group	Art Unit	Not Y	et Assigned					
Initial Filing	Filing (surcharge	Exami	ner Name	Not Y	et Assigned					
	37 CFR 1.16(e) requ	iired)								
<u> </u>										
	iventor, I hereby declar									
• •	fice address, and citizens									
I believe I am the originames are listed below	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:									
Haran	METHOD AND APPARATUS FOR DELIVERING OXYGEN TO CELLS									
(Title of the Invention)										
the specification of which										
is attached	hereto DR									
⊠ was filed o	pra	, 1999	as United States Appl	lication S	Serial Number	or PCT Internati	onal			
Application Number	09/356,079	and was ame	nded on			(if applicabl	e).			
	ave reviewed and unders pecifically referred to abo		s of the above identifie	ed specif	ication, includi	ing the claims, as	amended			
I acknowledge the du	ty to disclose information	n which is mater	ial to patentability as o	defined i	n 37 CFR 1.56	j				
I hereby claim foreig	n priority benefits under	35 U.S.C. 119(a))-(d) or 365(b) of any	foreign a	application(s) f	for patent or inve	ntor's			
certificate, or 365(a)	of any PCT international vand have also identified	application which below, by check	ch designated at least of the control of the box. any forest	one coun	itry other than i	the United States ent or inventor's	certificate,			
or of any PCT interna	ational application having	g a filing date be	fore that of the applica	ation on	which priority	is claimed.				
Prior Foreign Appli Number(s)		untry	Foreign Filing Da (MM/DD/YYYY		Priority Not Claimed	Certified Copy YES	y Attached?			
Number(s)		<u> </u>	(1.1.1.2.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	,						
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Additional	foreign application numb	perc are listed on	a supplemental priori	ity data s	heet attached h	lereto				
	nefit under 35 U.S.C. 11									
	erial Number(s)	Filing D	ate (MM/DD/YYYY))						
	93,147		07/17/98			nal provisional a				
						serial numbers are listed on a supplemental priority data sheet				
					attached					
* .										

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Page 2 of 3

DECLA	RATION - U	tility o	r Design Pa	atent Ap	plicati	on	
I hereby claim the benefit under 35 thates of America, listed below and, PCT International application in the material to patentability as defined international filing date of this appli	insofar as the subject matt manner provided by the fi n 37 CFR 1.56 which beca	ter of each of rst paragraph	the claims of this appli of 35 U.S.C. 112, I ac	ication is not dis- knowledge the d	closed in the pr uty to disclose	rior United States o information which	T
U.S. Parent Application		P	arent Filing Date		Parent Pa	tent Number	
Serial Numb			MM/DD/YYYY)		(if ap)	olicable)	
Additional U.S. or PCT internat	ional application numbers	are listed on	a supplemental priority	data sheet attac	hed hereto.		
						in the Detent	
As a named inventor, I hereby appoi and Trademark Office connected the	erewith: Customer N OR	umber	r(s) name/registrati	\rightarrow	Pla Nun 1	ces in the Patent ace Customer aber Bar Code Label Here	
	Registratio		1			egistration	
Name	Number	·11	Name	2		Number	
Steven M. Bauer	31,481		Kurt W. Lockwoo		40,704		
Isabelle A.S. Blundell	43,321		Marianne McLaug		42,870		
Maureen A. Bresnahan	1 /						
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Jennifer A. Camacho	43,526		Edmund R. Pitche	г	27,829		
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Douglas J. Kline	35,574						
John D. Lanza	40,060						
Timothy P. Linkkila	40,702				<u> </u>		
Additional registered practit	ioners named on supple	mental Regi	stered Practitioner In	nformation she	et attached he	ereto.	
Direct all correspondence to:	Patent Adminis Testa, Hurwitz High Street Tov 125 High Stree Boston, MA 02	& Thibeault wer t 2110	, LLP				

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Name of Sole or First Inventor:				A petition has been filed for this unsigned inventor					
Given Na	me (first and mid	dle [if any])		Family Name or Surname					
CLARK K.				COLTON					
Inventor's Signature			•	Date					
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	City	Newton	State	MA	Zip	02167	Country	U.S.A.	
Additional inventor	Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) attached hereto.								
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any])				Family Name or Surname					
LARRY L. SWETTE									
Inventor's Signature	Jan	- Offwir	tte			Date			
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	City	Newton	State	MA	Zip	02459	Country	U.S.A.	
Post Office Address	6 Stearns Stree	t							
	City	Newton	State	MA	Zip	02459	Country	U.S.A.	
Name of Additional Jo	oint Inventor, if	any:		☐ A pe	etition has b	een filed for	this unsign	ned inventor	
Given Na	nme (first and mid	dle [if any])		Family Name or Surname					
			·						
Inventor's Signature						Date			
Street Address				Citizensh	nip				
	City		State		Zip		Country		
Post Office Address								•	
	City		State		Zip		Country		